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Utility Patent Application Transmittal  
(Only for new non-provisional applications Under 37 CFR 1.53(b))

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Case Docket No. 01-158  
1496.00186  
Date: February 25, 2002

Sir:

Transmitted herewith for filing is a patent application of:

Inventor(s): Juergen Dirks, Juergen K. Lahner, Ludger F. Johanterwage, Benjamin Mbouombouo,  
Human Boluki and Weidan Li

For: OPTIMIZED BUFFERING FOR JTAG BOUNDARY SCAN NETS

Enclosed are:

1. ☒ Specification (17 pages); Claims (5 pages); Abstract (1 page)
2. ☒ 7 sheets of drawings.
3. ☒ Oath or Declaration Total Pages 4
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Item 5 completed)
  - c. ☐ Copy of Revocation of Previous Power
4. ☐ Incorporation By Reference (usable if Item 3b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Item 3b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
5. ☐ If a Continuing Application, check appropriate box and supply the requisite information below and in a preliminary amendment:  
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)  
of prior application no.:
6. ☒ An assignment to LSI LOGIC CORPORATION, along with PTO form 1595.
7. ☒ A PTO Form 1449 with a copy of the references not previously cited.
8. ☒ Return Receipt Postcard
9. ☒ A PTO Form SB/35 - Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i).

02/25/02  
11040 U.S. PTO

10/082737  
02/25/02

10082737 022502

The filing fee has been calculated as shown below:

	No. Filed	No. Extra	Fee	Amount
Basic Fee	--	--	--	\$740.00
Total Claims	20	0	x \$ 18.00	\$ 0.00
Indep. Claims	3	0	x \$ 84.00	\$ 0.00
Mult. Dep. Claims			\$280.00	\$ 0.00

SUB-TOTAL ..... \$740.00

— SMALL ENTITY STATUS (divide SUB-TOTAL by two) ..... \$

X Assignment Recordal Fee (\$40.00) ..... \$ 40.00

TOTAL ..... \$780.00

— A PTO-2038 form in the amount of \$ to cover the filing fee is enclosed.

X The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by this paper or associated with this filing to Deposit Account No. 12-2252. A duplicate copy of this sheet is enclosed.

### Correspondence Address:

Customer Number or Bar Code Label:



24319

PATENT TRADEMARK OFFICE

### **CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service via Express Mail Label No. EL890011845US in an envelope addressed to: BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231, on February 25, 2002.

By: Mary Donna Berkley  
Mary Donna Berkley

Respectfully submitted,

By Christopher P. Maiorana  
Christopher P. Maiorana  
Reg. No. 42, \$29

Date: February 25, 2002

20020225 24319

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Juergen Dirks et al.

Serial No.:

Filed: Herewith

For: OPTIMIZED BUFFERING FOR JTAG BOUNDARY SCAN NETS

Attorney Docket: 01-158 / 1496.00186

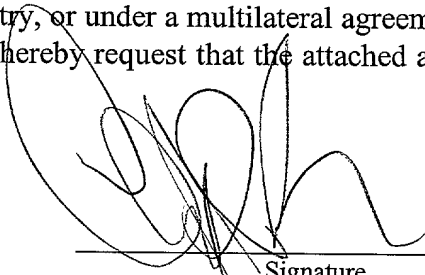
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**REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)**

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

February 25, 2002

Date



Signature

Christopher R. Maiorana (42,829)

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**